



**ASM**  
INTERNATIONAL

Brandywine Valley  
Chapter

## **April Virtual Technical Meeting**

***Tuesday – April 20, 2021***

### **Furnaces for Heat Treating Additive Manufactured Parts**

***By John Crowther***

***Director of Sales, Nabertherm Inc.***

**Location: Virtual meeting with RingCentral:**

<https://meetings.ringcentral.com/j/1486122891?pwd=bzJzNkl2MmlicWVSd2xUcDVQUGhtZz09>

**(Password: 026145; Additional Login details below after the abstract)**

**Signup link for the event: <https://forms.gle/nGP9UhuTfY3hRtY77>**

**Networking 6:30 PM, Presentation 7:00 PM , Cost: Free !!**

**Bio:** John received a BS in Engineering Science from NJIT and an MS in Metallurgical Engineering from the Polytechnic Institute of New York (now NYU Tandon School of Engineering) and began his career working as a Research Metallurgist in the Foundry industry.

Over the years he has held several R&D positions focusing on property optimization and process development. About 20 years ago he switched his focus to technical product management and sales. He has been with Nabertherm, an industrial furnace manufacturer, since 2014.

**Abstract:** While hardly a new technology, additive manufacturing, or as it's sometimes called 3-D printing or A-M, has seen a lot of interest lately by the materials science community. What's not always considered is that the building of the part by printing, whether of ceramic or metal, is usually the first of many steps. In this presentation, we'll review the post-build heat treatment of ceramic and metal parts to achieve desired properties.

Additionally, a brief overview of Nabertherm, and its furnaces for the A-M industry, will be presented.

Please sign up for the meeting using the google forms [here](#).

**RingCentral Login Details:**

**Join from PC, Mac, Linux, iOS or Android:**

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**\_\_\_\_\_ Password: 026145**

**For the best audio experience, please use computer audio.**

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**\_\_\_\_\_ Meeting ID: 148 612 2891**

**Other ASM Brandywine Valley Chapter Upcoming Events:**

**– May 4 – Trends in Materials Research, Dr. Linda Sapochak, NSF**